

FRIESEN ELECTRIC INC

AUTHORIZED WHOLESALERS FOR: Penn-Johnson Controls; S&S Sprechersuh Controls; Ferraz - Fuses and Devices; Winpower Generators; Electronic Bug Zappers; Electric Heating Products; Leviton Wiring Products; Reversomatic & Delhi Blowers and Fans; Magnatek AO Smith Electric Motors; F & G line Gear Reducers; Emerson - White Rogers; AC Tech speed controls; Burgess sensors & switches

Helical Gear Reducers up to 40% more Efficient than Worm Reducers

Size 45



Size	Ratio	1750 RPM INPUT SPEED			1450 RPM INPUT SPEED			1150 RPM INPUT SPEED		
		INPUT HP	OUTPUT		INPUT HP	OUTPUT		INPUT HP	OUTPUT	
			Torque	OHL		Torque	OHL		Torque	OHL
45	4.97:1	10.06	3350	1170	6.86	3450	1340	3.60	3500	2000
	7.62:1	8.18	4200	1340	5.60	4300	1530	2.94	4400	2000
	9.96:1	6.30	4250	1470	4.27	4300	1690	2.23	4350	2000
	12.41:1	4.99	4200	1590	3.37	4250	1820	1.76	4300	2000
	14.98:1	3.68	3700	1690	2.45	3750	1930	1.28	3800	2000
	19.87:1	3.37	4550	1860	2.27	4600	2000	1.18	4630	2000
	24.77:1	2.53	4250	2000	1.70	4280	2000	.88	4300	2000
	29.91:1	1.93	3900	2000	1.30	3950	2000	.68	4000	2000
	39.61:1	1.84	4800	2000	1.24	4850	2000	.65	4700	2000
	49.36:1	1.37	4450	2000	.92	4500	2000	.48	4530	2000
	59.61:1	1.06	4150	2000	.70	4190	2000	.37	4200	2000
	79.97:1	.93	4900	2000	.63	5000	2000	.33	5020	2000
	99.67:1	.69	4550	2000	.47	4600	2000	.24	4620	2000
	120.36:1	.53	4200	2000	.36	4250	2000	.19	4280	2000
147.90:1	.48	4600	2000	.32	4650	2000	.17	4680	2000	
178.61:1	.36	4230	2000	.24	4250	2000	.13	4280	2000	

Size	Ratio	870 RPM INPUT SPEED			580 RPM INPUT SPEED			300 RPM INPUT SPEED		
		INPUT HP	OUTPUT		INPUT HP	OUTPUT		INPUT HP	OUTPUT	
			Torque	OHL		Torque	OHL		Torque	OHL
45	4.97:1	15.23	2560	920	13.87	2810	980	12.15	3100	1060
	7.62:1	13.40	3450	1060	11.91	3700	1130	10.10	3950	1220
	9.96:1	11.20	3770	1160	9.69	3940	1240	8.06	4130	1340
	12.41:1	9.00	3780	1250	7.73	3920	1340	6.41	4090	1440
	14.98:1	6.73	3410	1330	5.77	3530	1420	4.75	3650	1530
	19.87:1	6.33	4250	1470	5.38	4360	1560	4.40	4500	1690
	24.77:1	4.78	4000	1580	4.06	4100	1690	3.30	4200	1820
	29.91:1	3.9	3730	1680	3.12	3810	1790	2.50	3850	1940
	39.61:1	3.55	4600	1850	2.97	4650	1790	2.40	4750	2000
	49.36:1	2.66	4300	2000	2.24	4370	2000	1.80	4420	2000
	59.61:1	2.03	3960	2000	1.71	4030	2000	1.38	4100	2000
	79.97:1	1.83	4790	2000	1.53	4830	2000	1.22	4880	2000
	99.67:1	1.35	4400	2000	1.13	4450	2000	.91	4500	2000
	120.36:1	1.03	4060	2000	.86	4100	2000	.69	4150	2000
147.90:1	.92	4450	2000	.77	4500	2000	.62	4550	2000	
178.61:1	.70	4100	2000	.59	4150	2000	.47	4200	2000	

Part Number: 4000010016HD	Ratio: 20 - 1	Frame: NA
Part Number: 4000010002HD	Ratio: 25 - 1	Frame: NA
Part Number: 4000010031HD	Ratio: 30 - 1	Frame: NA
Part Number: 4000010032HD	Ratio: 40 - 1	Frame: NA
Part Number: 4000010033HT	Ratio: 50 - 1	Frame: NA
Part Number: 4000010034HT	Ratio: 60 - 1	Frame: NA

- Superior to Worm Reducers
- Energy Saving/Efficient
- Oil Sight Glass
- Horizontal or Vertical Applications
- Hardened Gears
- Motorized or Input Shaft

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